



Flexible X-HF-110 Insulated Wire Low Smoke Zero Halogen

Series: ER

Standard: AS/NZS 5000.1

Voltage: 0.6/1kV

Conductor: Plain Annealed Copper (Class 5)

Insulation: X-HF-110 UV Resistant

Colors: Red, White, Blue, Black, Green/Yellow



Core x cross-section mm ²	Conductor No./mm	Nominal insulation thickness mm	Approx. overall diameter mm	Approx weight kg/km	Product code
1x1.0	31/0.2	0.8	2.9	15	ER1C0010
1x1.5	45/0.2	0.8	3.2	20	ER1C0015
1x2.5	75/0.2	0.8	3.6	30	ER1C0025
1x4	52/0.3	1.0	4.5	47	ER1C0040
1x6	182/0.2	1.0	5.3	68	ER1C0060
1x10	312/0.2	1.0	6.7	112	ER1C0100
1x16	486/0.2	1.0	7.8	165	ER1C0160
1x25	752/0.2	1.2	9.5	252	ER1C0250
1x35	1056/0.2	1.2	10.7	342	ER1C0350
1x50	660/0.3	1.4	12.7	485	ER1C0500
1x70	938/0.3	1.4	14.5	671	ER1C0700
1x95	1235/0.3	1.6	16.6	881	ER1C0950
1x120	1583/0.3	1.6	18.3	1109	ER1C1200
1x150	1980/0.3	1.8	20.4	1387	ER1C1500
1x185	1342/0.4	2.0	22.5	1686	ER1C1850
1x240	1776/0.4	2.2	25.7	2218	ER1C2400
1x300	2214/0.4	2.4	28.5	2755	ER1C3000
1x400	1858/0.5	2.6	32.4	3619	ER1C4000
1x500	2350/0.5	2.8	36.1	4559	ER1C5000
1x630	3142/0.5	2.8	40.8	6016	ER1C6300

Core x cross-section mm ²	Min. Bending Radius mm	Current Rating (A)			Electrical Characteristics
		Fixed installation			Maximum DC Resistance 20°C Ω/km
1x1.0	18	/	/	/	19.5
1x1.5	19	/	/	/	13.3
1x2.5	22	/	/	/	7.98
1x4	27	/	/	/	4.95
1x6	32	/	/	/	3.3
1x10	40	/	/	/	1.91
1x16	47	/	/	/	1.21
1x25	57	161	135	141	0.78
1x35	64	200	169	176	0.554
1x50	76	242	207	216	0.386
1x70	87	310	268	279	0.272
1x95	100	377	328	342	0.206
1x120	110	437	383	400	0.161
1x150	122	504	444	464	0.129
1x185	135	575	510	533	0.106
1x240	154	679	607	634	0.0801
1x300	171	783	703	736	0.0641
1x400	194	940	823	868	0.0486
1x500	217	1083	946	998	0.0384
1x630	245	1254	1088	1151	0.0287

formation when working temperature is 90°C and the ambient temperature is 30°C.